

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St Francis Dr., Santa Fe, NM
87505

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

Form C-101
Permit 1097

APPLICATION FOR PERMIT TO DRILL

Operator Name and Address EOG RESOURCES INC PO Box 2267 Midland, TX 79702		OGRID Number 7377
		API Number 30-025-36779
Property Code 34051	Property Name SOMBRERO 5 STATE	Well No. 001

Surface Location

UL or Lot L	Section 5	Township 21S	Range 33E	Lot Idn L	Feet From 3535	N/S Line N	Feet From 896	E/W Line W	County Lea
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Proposed Pools

HAT MESA;MORROW (GAS) 78240

Work Type New Well	Well Type GAS	Cable/Rotary	Lease Type State	Ground Level Elevation 3774
Multiple N	Proposed Depth 14600	Formation Morrow	Contractor	Spud Date

Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	17.5	13.375	61	1500	900	0
Int1	12.25	9.625	40	5600	600	0
Prod	8.75	5.5	17	14600	1800	0

Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	5000	5000	

I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Electronically Signed By: Stan Wagner

Title: Regulatory Analyst

Date: 07/01/2004

Phone: 432-686-3689

OIL CONSERVATION DIVISION

Electronically Approved By: Paul Kautz

Title: Geologist

Approval Date: 07/22/2004 Expiration Date: 07/22/2005

Conditions of Approval:
There are conditions. See Attached.